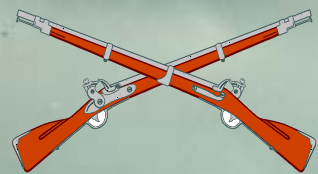


Operation Continue Hope II

Mechanized Perspective

Mogadishu, Somalia





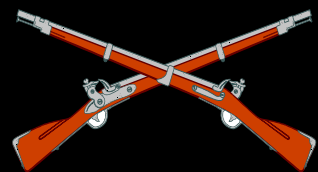
Operation Continue Hope II

Mechanized Perspective



Purpose

To present lessons learned by A/3-15 IN (Mech) while deployed to Somalia during Operation Restore Hope II



Operation Continue Hope II

Mechanized Perspective



Outline

- **Introduction**
- **Body**
 - Operational Environment
 - Operations by Phase
 - Pre-Deployment Training
 - Security Ops/ Prep for Offense
 - Rear Guard
 - The Most Important Lesson
- **Conclusion**
 - Summary
 - Additional Info by BOS
 - Finally

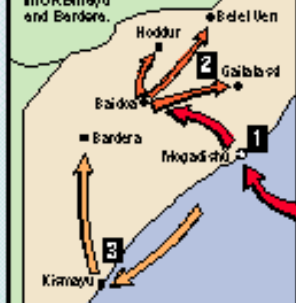


Operational Environment

electricity or fuel, no government and no rule of law.

The deployment

Phase 1: Marines establish bases at Mogadishu and Baidoa.
Phase 2: Army force join Marines in Baidoa and establish bases at Barda, Hoddur and Galdobol.
Phase 3: Operation expands into Kismayo and Bardera.



What troops must bring

THE BASICS

- Food, field kitchens
- Refrigeration equipment
- Water and water-purification equipment

- Canteens
- Desert uniforms
- Tents
- Sleeping bags
- Showers
- Toilets
- Hospital facilities
- Medical supplies

SECURITY

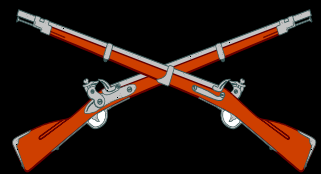
- Fighter jets and transport aircraft
- Attack and transport helicopters
- M1A1 tanks and armored personnel carriers

- Humvee vehicles
- TOW missiles
- Artillery and mortar
- Mine detectors
- M-16, M-60 and Squad automatic weapons
- 50 mm pistols
- Ammunition
- Gas masks
- Night vision goggles
- Chemical suits
- Barbed wire

TRANSPORTATION AND RELIEF OPERATIONS

- Heavy haulers
- Cargo trucks
- Fuel tankers
- Backhoes and graders
- Dump trucks and front-end loaders
- Tractors and excavators





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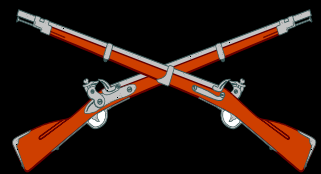
Mechanized Perspective

Operational Environment



- 16 Warring Factions
- Over 21 Clans and Subclans
- Self Appointed and Traditional Leaders
- Urban Vs. Rural
- Refugees
- Historical Hatreds
- Language Barrier
- Reliability of Informants
- Starvation and Poverty
- Lack of Infrastructure Due to Civil War
- Extortion





Operation Continue Hope II

Mechanized Perspective



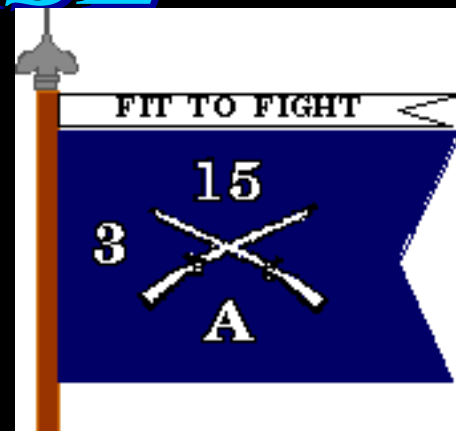
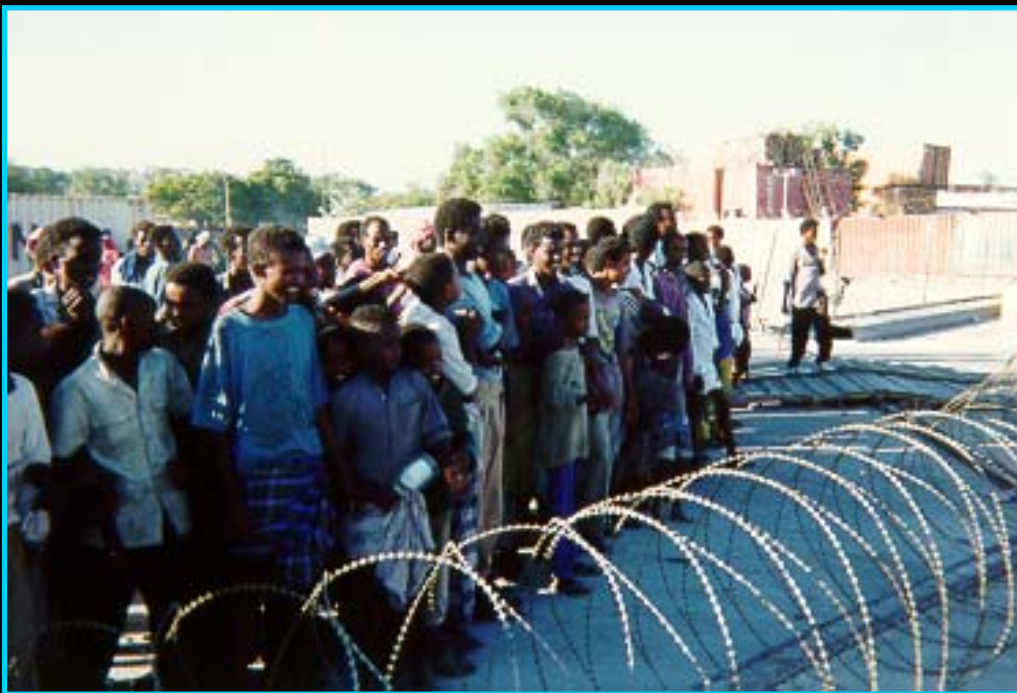
Operational Environment Cont...

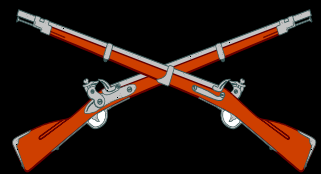
- 60 NGOs (Non-Governmental Organizations)
- 20 Coalition Forces
- JTF Headquarters
- Governmental Agencies
- Kenyan / Ethiopian Borders
- Administrative Boundaries
- Restrictive ROE





OPERATIONS BY PHASE





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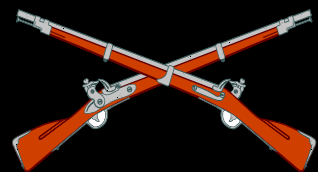
Mechanized Perspective

Some Concerns Going In



- **Soldiers' Confidence - State of Mind**
- **Personnel Turbulence - Squad Strength**
- **Equipment Accountability**
- **Level of Training**





Operation Continue Hope II

Mechanized Perspective

A/3-15 IN's Timeline



PHASE 1

Pre-Dep
Training

Alert

Arrive
In
Country

4 OCT 93

1 NOV 93

Equip
Sails

Assume
Cmd

PHASE 2

1 DEC 93

Security Ops/
Prepare for the
Offense

PHASE 3

Rear Guard Mission

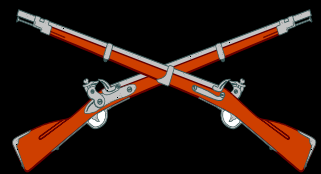
1 FEB 94

24 MAR 94

1 JAN 94

1 MAR 94

Redeploy



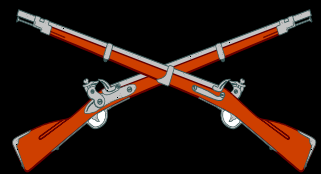
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Phase 1 Pre-Deployment Training

- **Country, Threat and ROE Briefings**
- **Weapons Qualification**
- **MOUT LFX**
- **Field Sanitation Training**
- **Theater Specific (ROE) STXs Lanes:**
 - **Patrol in Urban Terrain**
 - **Mob and Roadblock**
 - **Rescue Operations**



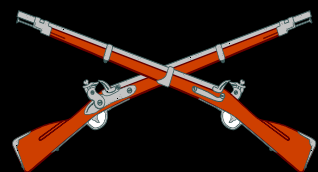
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Mechanized Perspective



Basic Principles for Applying ROE

- 1. You Always Have the Right to Use Deadly Force If Necessary to Defend Yourself, Your Unit, Other U.S. And UN Forces, and Persons and Areas Under Your Protection.**
- 2. Always Use Only the Minimum Force Necessary Under the Circumstances.**
- 3. Use Force Only When the Military Benefit of Using Force Out-Weighs the Risk of Injury or Damage To Non-Military Persons or Objects (Collateral Damage)**

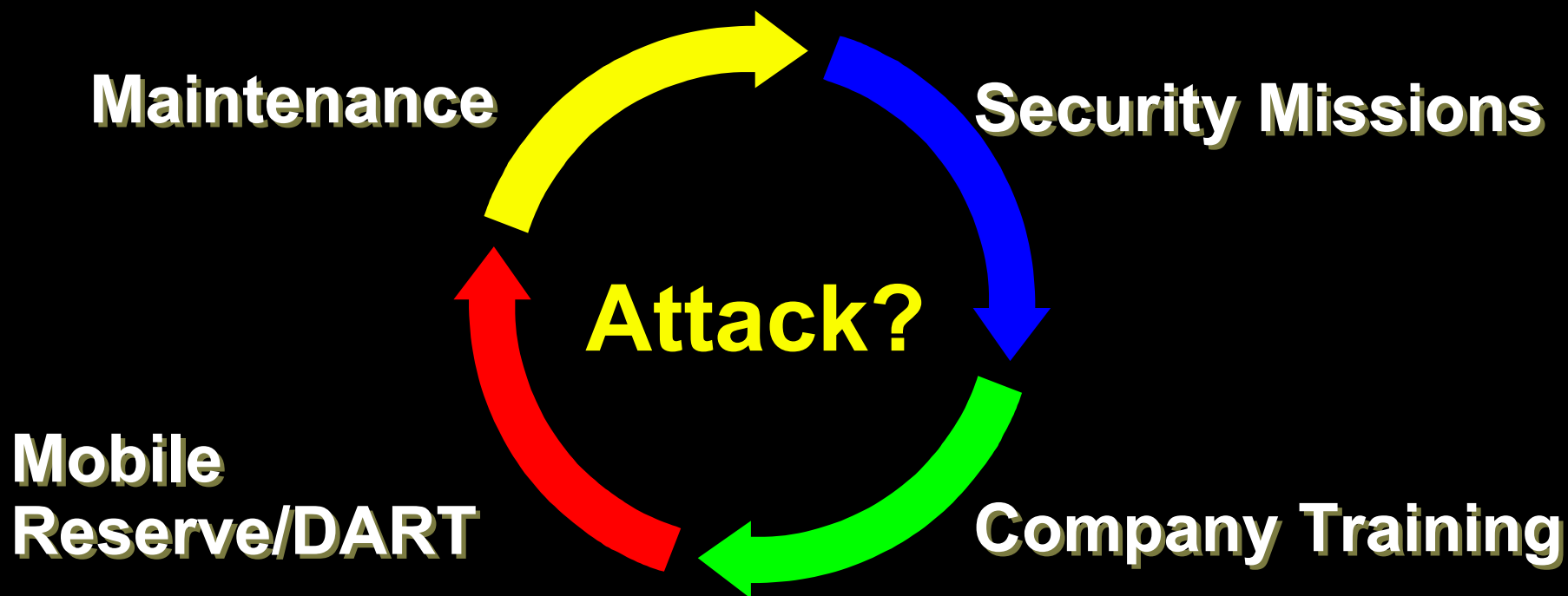


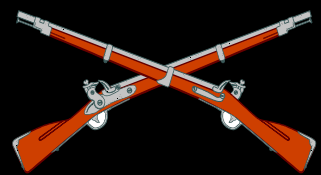
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Phase 2 - Security Operations and Preparation for the Offense





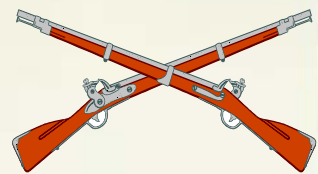
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Phase 2 Missions

- **Victory Base Security**
- **Boat House Fire Base Security**
- **Operation Good Wrench**
- **MSR Security**
- **DENTCAP and MEDCAP Security**
- **Mobile Reserve/DART**
- **New Port and Airfield Security**



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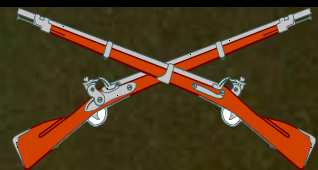
Mechanized Perspective



Mobile Reserve/DART



Mission: On Order assault a known enemy concentration to assist UNOSOM Forces



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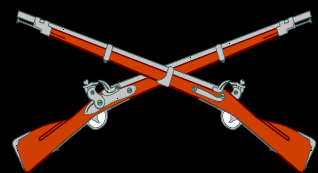
Mechanized Perspective

Phase 3 Rear Guard Mission



**TM A/3-15 (M) Defends
the New Port Perimeter
NLT 27 DEC 93 to Secure
U.S. Forces and
Equipment As They
Withdraw To CONUS**





Operation Continue Hope II

Mechanized Perspective



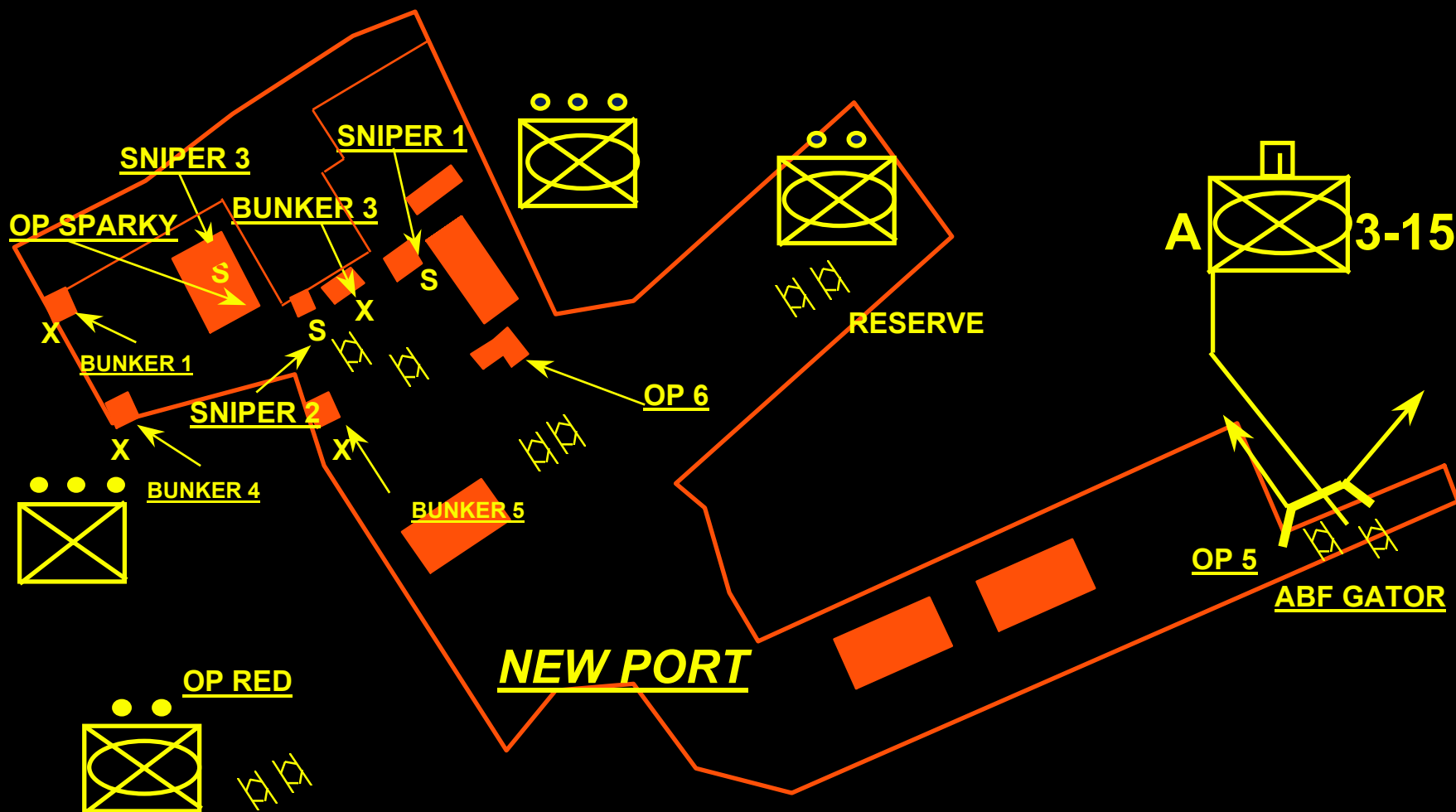
Battalion Commander's Intent

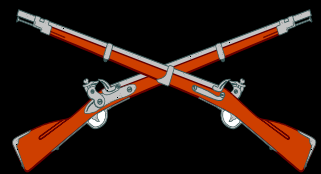
- The Purpose of the RSA Security Mission Is To Safeguard US Personnel, Facilities, Property, Aircraft, Vehicles During the Final Redeployment Stages of the U.S. Withdrawal.
- Keys to Success Are:
 - Vigilant, Disciplined and Responsive Security Opns
 - Positive Control of All Civilian Workers
 - Safe Vehicle and Weapons Operation
 - Responsive, Rehearsed Reactions to Threats, Changes to Threat Conditions, Reserve and Ready Reaction Force Call Outs and Contingencies

The New Port of Mogadishu



Disposition of Forces





Operation Continue Hope II


Mechanized Perspective

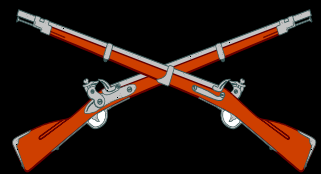


Roll Tape



Typical Engagement

- 
- 0600 - Front gate operations begin
 - 0645 - Shots fired by Hostile Gunmen - “Rooster IDs”
 - 0720 - “Rooster” engages and Kills one Hostile.
 - 0735 - Bde Cdr drops to Company Push, talks with Co Cdr
 - 0750 - Bn Cdr arrives at front gate
 - 0757 - “Rooster” reports gunmen with AK47s “slung” moving east along Via Roma
 - 0800 - Shots fired along west Via Roma
 - 0801 - Shots fired into Port, Somalis establish barricade 50m east of Port entrance
 - 0803 - Shots fired at truck driving through barricade
 - 0804 - Leader 02 reports wounded Somali workers in Port
 - 0814 - Shots fired into Port
 - 0820 - A66 and medical track positioned to Front Gate
 - 0824 - Scout weapons team arrives on station
 - 0838 - Shots fired into Port
 - Harassing fire continues till noon, gunmen break for lunch



Operation Continue Hope II

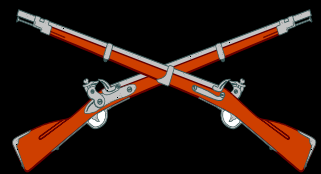
Mechanized Perspective

Sniper Positions



- **Positioned in Bunkers and in Buildings**
- **Snipers Sun up to Sundown**
- **Food and Water Cached**
- **Piss Bottles**
- **Decoy Rifles**
- **Boiler Plate Armor**





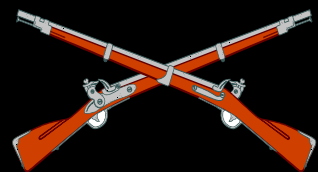
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Mechanized Perspective



Decoy

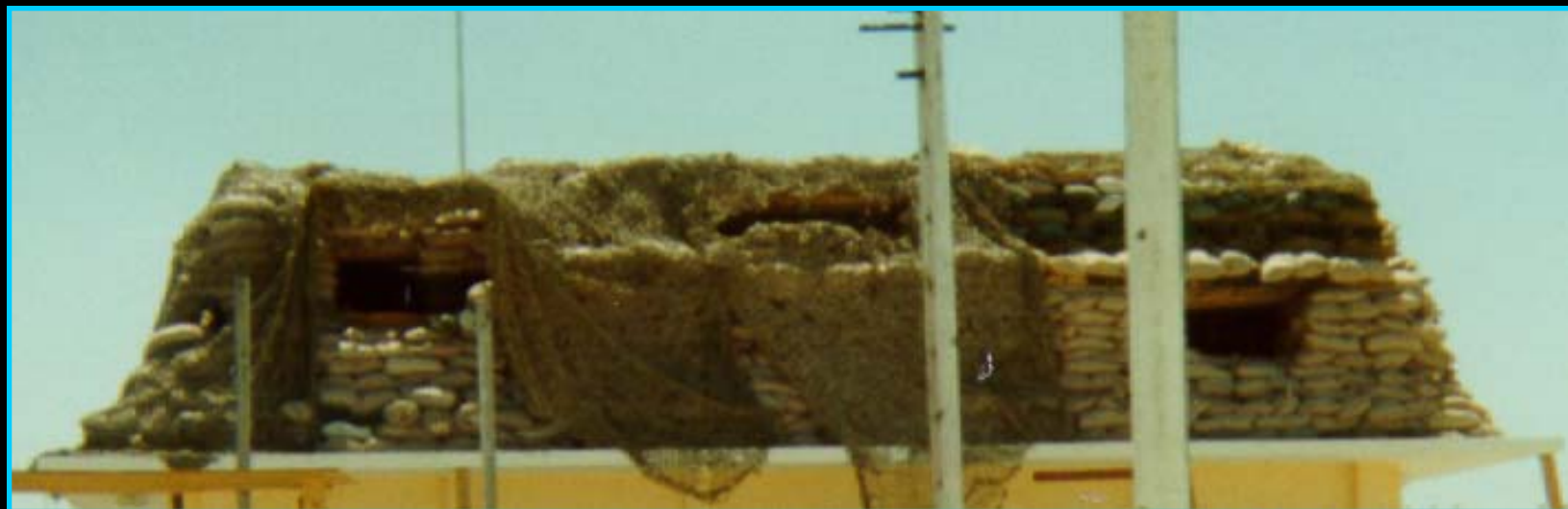




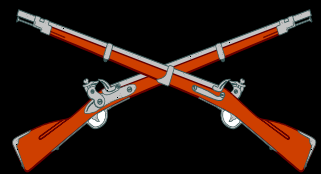
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Mechanized Perspective

Bunker Construction



- Wooden Frame (Not Sand Bags)
- 4369L Pallets for Roof
- 8" x 8" Railroad Ties Main Pillar Supports
- 4" x 4" Beams and 3/4" Plywood Frame
- Bunkers Were 9' x 7' and 5' High
- Walls 2-3 Bags Thick , Roof 3 Bags Thick
- RPG Nets \ of Cyclone Fence and 1/4" Angle Iron
- Cammo Nets
- Canvas Curtains for Back Shading



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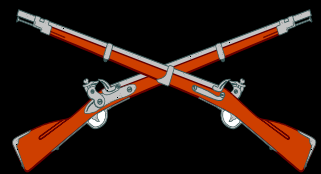
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Front Gate Main Bunker



Cyclone Fencing - RPG Screen



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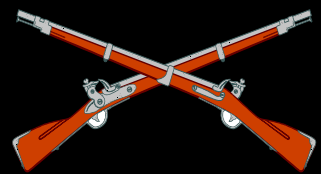
Mechanized Perspective



Use of BFVs



- In Overwatch Positions
- Mobile Reserve/DART
- OPs
- Show of Force
- Instant Check Points
- Cordon and Searches
- Attack by Fire Positions

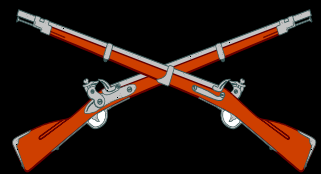


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Mechanized Perspective

Preparation of BFVs





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Obstacles

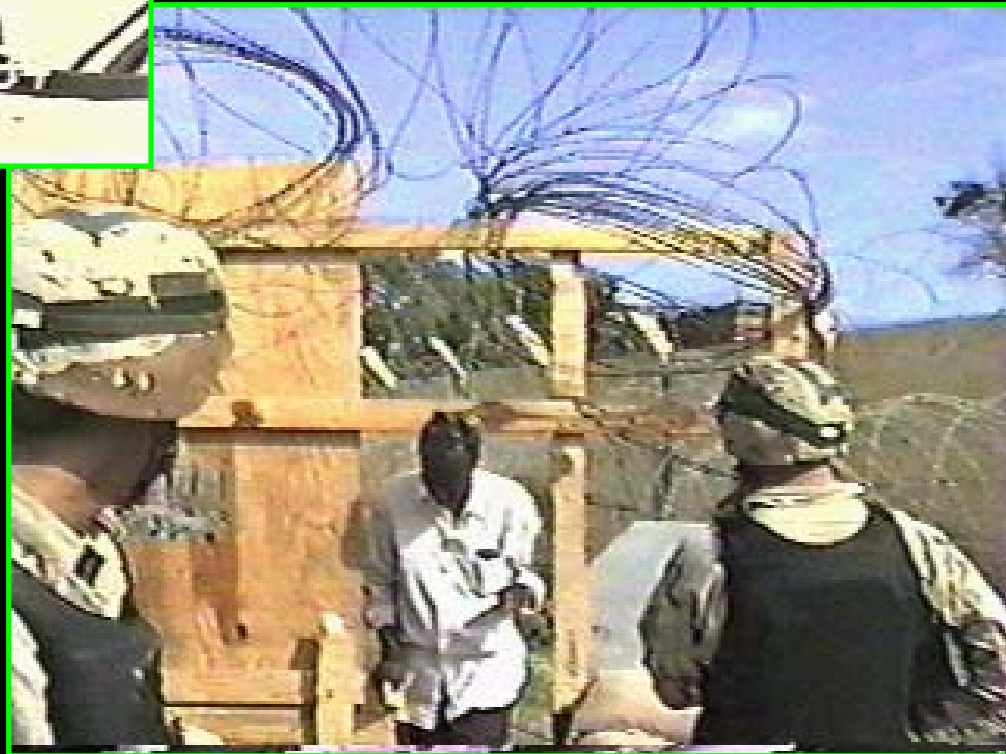
- **Used to Canalize Personnel and Vehicles**
- **Block and Disrupt Infiltrations**
- **Use of Land Mines and Booby Traps Prohibited by ROE**
- **Trip Flares Permitted**
- **Prevent the Mad Bomber**
- **Covered by Direct and Indirect Fire**
- **Heavy Use of Steel Girders, Concertina and Milvans**
- **Welders and Forklifts Assisted**

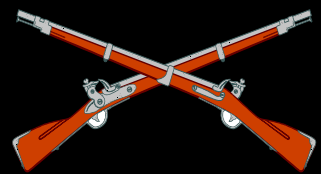
Obstacles

Personnel Control



**Vehicle Traffic
Management**





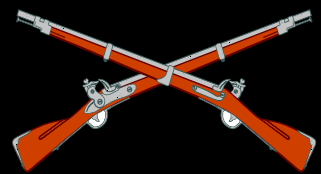
Operation Continue Hope II

Mechanized Perspective



Patrols

- Mounted Patrols in Wheeled Vehicles
- Dismounted :
 - 3 Per Day
 - 2 Per Night
- Patrols Were Primarily for Checking Passes
- Dismounted Squad on 5 Minute String
- Mounted Section on a Five Minute String
- Front Gate Platoon Had a Section on 15 Min String
- 2 x Light Infantry Squads on 5 and 15 Min String



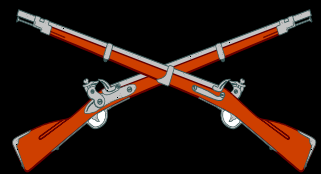
Operation Continue Hope II

Mechanized Perspective

Check Points



- **Two Types: Hasty and Deliberate**
- **Hasty in Response to an Enemy Action**
- **Deliberate As Part of the Friendly Plan**
 - **Continuous Check Point**
 - **Random / Periodical**
- **Always Employ Overwhelming Force and Overwatch (Bradleys, Tanks, Snipers, and Helicopters)**
- **Treat Everyone As a EPW**
- **Ensure They Have the Right Paper Work**
- **Detain All Suspicious Personnel and Evacuate For Questioning**



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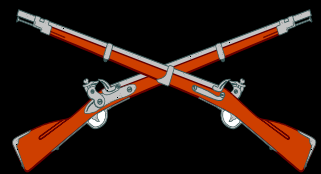
Mechanized Perspective



The Most Important Lesson

Teach Your Soldiers How to Shoot!



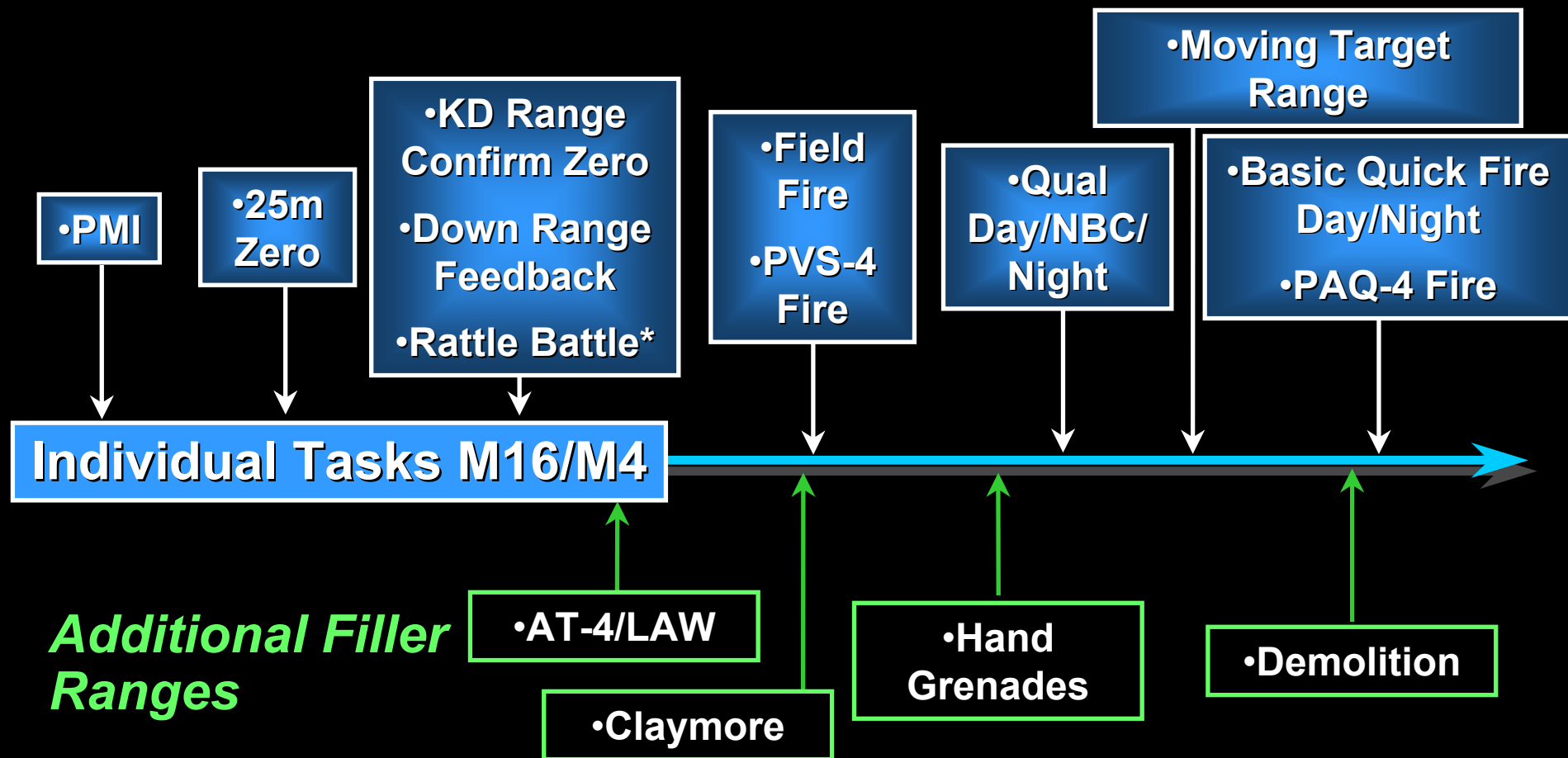


Operation Continue Hope II

Mechanized Perspective



A Suggested Gun Line



* - Denotes a Collective Task



Operation Continue Hope II

Mechanized Perspective

Gun Line Cont...

Implement realistic ROE

Keep Score!

Don't Forget:

- Demo
- Grenades
- Claymores
- AT4s/LAWs

•Fire Team*
Assault Course

•Buddy Team*
Assault Course

•Squad
LFX*
(Ambush)
(M to C)

•Platoon
LFX*
(Attack)
(Ambush)
(MtoC)
(Defense)

•BSSE
(LFX)
(MILES)

Collective Tasks

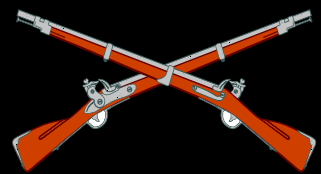
•Advanced Quick
Fire Day/Night
•PAQ-4 Fire

Incorporate all
organic Company
weapon systems

•BT VIII

•BT XII

* - Denotes dismounted event



Operation Continue Hope II

Mechanized Perspective



Gun Line Cont...

- Mech
- Light
- Ranger
- AASLT
- ABN

- Co LFX (CALFEX) (Attack) (MtoC) (Defense)

Don't Forget Snipers

MOUT LFXs

•Company

•DART LFX

•Platoon

•City Block

•Squad

•Tire House

•Buddy Team

•Warehouse

Collective Tasks

Think Combined Arms

Keep Score!

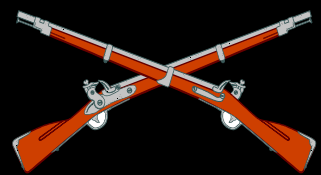
•Remedial Quick Fire Day/Night

•Dodge City

•Check Point

•Room Clearing

ROE



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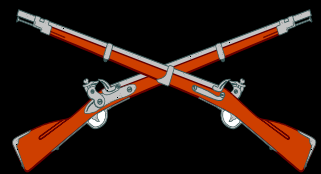
Mechanized Perspective



Gunnery Beliefs

- **Score Marksmanship/Access Casualties**
- **Train As You Fight**
- **Create Stress for Shooters**
- **Use Reduced Scale Targets**
- **Build Soldiers' Confidence**
- **Direct/Indirect Fire Planning**
- **Weapons Control Status**





Operation Continue Hope II

Mechanized Perspective

A Cheap Quick Fire Range



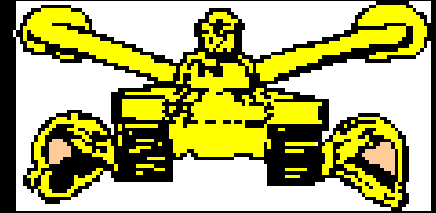
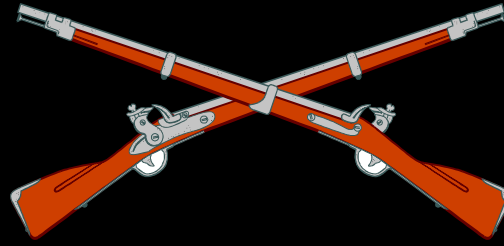
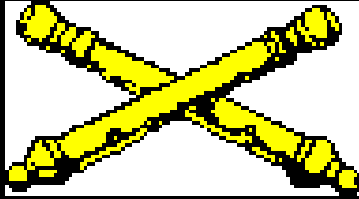
Facade Close Ups



Somalia

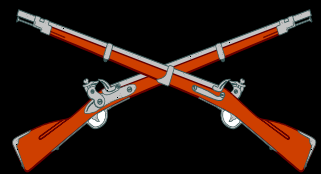


Fort Stewart



Additional Info By BOS





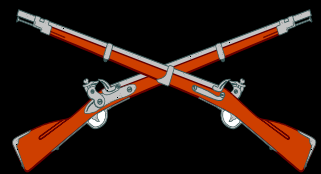
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Mechanized Perspective



Intelligence

- The Enemy Knew and Understood the ROE
- Favorite Tactics: Sniper Fire, Harassing Fire, Cmd Detonated Mines, Mortar Attacks, Seamless Web
- Non-Uniformed; Mixed With Noncombatants
- Enemy Would Engage From Cover, Drop His Weapon Then Move to a New Location , Obtain Another Weapon and Re-Engage
- The Enemy Is Always Watching



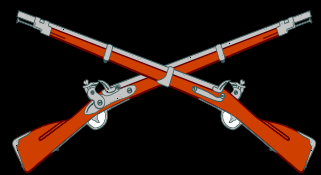
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Mechanized Perspective



Intelligence Cont...

- CA Teams Work for the Maneuver Commander
- CI Teams Are a Valuable Asset
- Informants May Be Very Unreliable
- Aerial Imagery Does Not Come Down to the Company Unless You Ask (Repeatedly) for It
- The Enemy Is Very Opportunistic and Will Steal From You or Shoot You at Any Opportunity



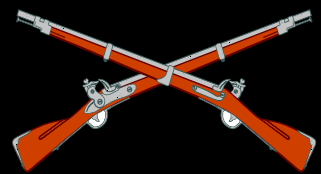
Operation Continue Hope II

Mechanized Perspective



Intelligence Cont...

- IPB is a Constant Process. Accurate Terrain Models Key for Operations in a MOUT Environment
- Difficult to Template the Enemy From Doctrinal Templates
- PSYOPS Teams Used Loud Speakers to Communicate Intent
- Trade in and Use of the Drug Khat Was Legal
- Thieves and Gunmen Were the Greatest Threat



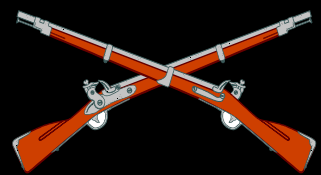
Operation Continue Hope II

Mechanized Perspective

Maneuver



- **Combat Marksmanship Skills Require Constant Training : Quickfire, Known Distance, Partially Exposed and Moving Targets**
- **Snipers are key They are First Element to Engage**
 - They Need Barret .50 Cals
 - They Need a Night Sight (SIMRADS)
- **GPS and Photos Are a Must for MOUT Navigation**
- **Combatt Life Savers Are Critical, Need 1 Per Track**



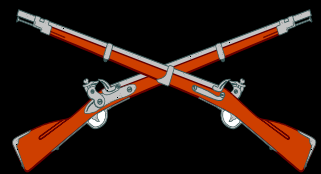
Operation Continue Hope II

Mechanized Perspective

Maneuver Cont...



- ROE Must Be Understood by All and Constantly Reinforced
- Platoon Leaders Must Know How to Designate Targets and Control Attack Helicopters
- The 10th Mtn Div Ceased to Perform Cordon And Search Missions; They Attacked to Seize or Clear
- Dismounted Infantrymen Were at a Premium
- Own the Night



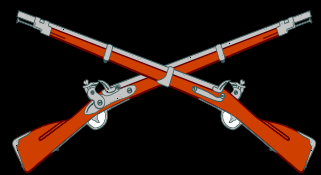
Operation Continue Hope II

Mechanized Perspective

Maneuver Cont...



- D.A.R.T. And D.V.R.T. Operations in Urban Terrain Are Done Best by Armored Forces
- M203 Provided Immediate and Precise Illumination
- Concussion Grenades Preferred Over Frags
- LAW Not Always an Effective Bunker Buster. AT-4 Works Well; but Size and Weight Make IMT Difficult
- Cayenne Pepper Spray Is an Effective Crowd Control Agent



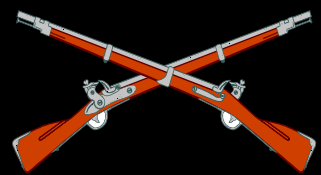
Operation Continue Hope II

Mechanized Perspective



Maneuver Cont...

- Warning Shots From .50 Cal and M60S Are Very Effective Crowd Dispersers
- Soldier's Load Is 40-50 Pounds Without a Ruck
- Class III Body Armor Weighs 22-40 Pounds
- M16 Add-Ons Help: PAQ-4B and Taclites
- IR Covers for BFV Service Light Can Illuminate The Target Area for Dismounts



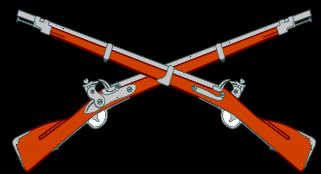
Operation Continue Hope II

Mechanized Perspective

Maneuver Cont...



- Knee and Elbow Pad Prevent Injuries During Room Clearing
- Dismounts Need a Secure Hand Held Radio With a Headset
- BFVs Need an Exterior Mounted Telephone Integrated Into the Vehicle Intercom
- Hand Held Laser Pointers Needed by Dismounts
- BCs Hatch in Open Protective



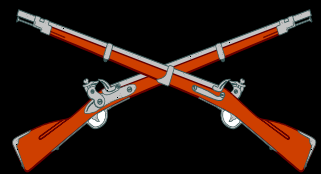
Operation Continue Hope II

Mechanized Perspective

Fire Support



- Risk of Collateral Damage Limits Artillery to Copperhead Engagements
- FO Control Scout Weapons Teams and AC 130s Daily; Know Their Freq and Monitor
- Dismount the GLVD
- Ensure Attack Helicopters and FIST-V Have the Same Laser Code
- FOs Positioned in OPs Along the Perimeter Are Key



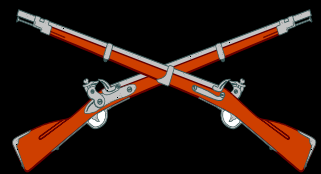
Operation Continue Hope II

Mechanized Perspective

M/CM/S



- Engs Have Full Body Armor
- Their M113A3 Can Keep up With BFVs and M1s
- The ACE Is Very Fragile When Digging, but Makes Great Entrance Holes in Buildings
- There Is Never Enough Class IV
- Cyclone Fencing Makes Great RPG Screens Around Bunkers
- Prepare All Vehicles to Breach Road Blocks



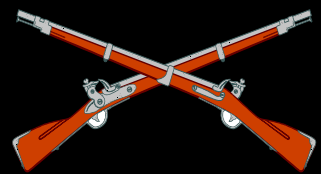
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Mechanized Perspective



AIR DEFENSE

N/A



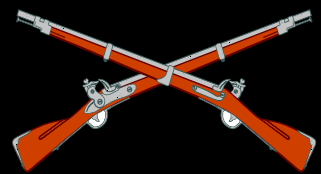
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Mechanized Perspective

Combat Service Support



- **Special Equipment Needed in Somalia:**
 - **Glint Tape for Every Man and Vehicle**
 - **IR Chemlights for Every Vehicle Moving at Night**
 - **Thermal Paper to Mark Dismounts**
 - **IR Strobes**
 - **VS-17 Panels for Every Vehicle**
 - **Electric Circular Saw With 50' Extension Cord**
 - **Portable Generators**
 - **Hand Saws**
 - **Ballistic Glasses**



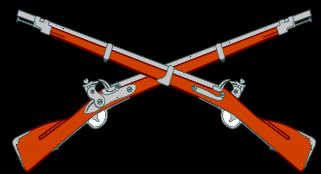
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Mechanized Perspective

Combat Service Support Cont...



- **Class I Issues:** German, French and British Rations Broke up The MRE Routine. Only Bottle Water Consumed, ROPU Water Used for Hygiene
- **Class II Issues:** DX Capability Limited, Cleaning Supplies in Short Supply
- **Class III Issues:** Shortages of GMD, FRH, 15W40, Small Arms Lubricants and Cleaning Equipment
- **Class IV Issues:** Never Enough, Used a Lot of Nails Especially 50 Penny Nails
- **Class V Issues:** TPT Rds for Breaching Walls, Pepper Spray, CS Grenades, Assorted 203 Rds , 7.62MM Slap
- **Class VI Issues:** Alcohol Not Permitted, Sundry Packs



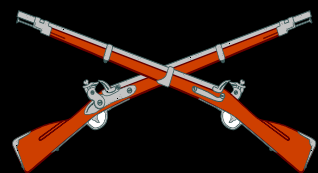
Operation Continue Hope II

Mechanized Perspective



Combat Service Support Cont...

- **Class VII Issues:** M4 Carbines, Barret .50 Cal, Shot Guns, PAQ-4Bs, Taclites, PVS 4S or Litton Night Scopes, SIMRADS, Spotter Scopes, M21s for Spotters, Binos, FIST Vs That Work, Threat Level IIIA Ballistic Vests
- **Class VIII Issues:** Morphine, Rubber Gloves, Diarrhea Medicine Combat Lifesaver Bags
- **Class XI Issues:** BII, Fan Towers, Right Angle Drives, Transmissions, Track Adjusters, Support Rollers, Road Wheels, ISUs, ISU Purging Kits, STA-ICE, Deck Pumps, Ramp Pumps, Final Drives, Fuel Line Hoses, W4 Cables, Hub and 119 Batteries, GLVD Batteries, 25MM Feeders, M240C Coax Spare Parts, Air Filters



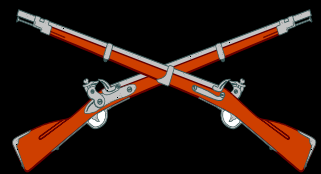
Operation Continue Hope II

Mechanized Perspective



C 3

- Make Sure That the Family Support Group Understands the Current Task Organization
- ROE, ROE, ROE
- Three Controlling HQs TF 1-64 AR, TF 2-22 IN, 3-6 BLT USMC
 - Surveys
 - Personnel Issues
 - Maintenance Issues
- Unique Command Relationship: Tactical Control



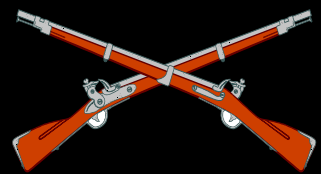
Operation Continue Hope II

Mechanized Perspective



C³ Cont...

- Bring DNVTs for MSE Access
- SINCGARs and 12 Series Radios Do Not Work Well Together
- 126 And 127 Radios Will Be Monitored by The Enemy
- Dismounts Need a Hand Held FM Secure Radio
- Frequencies and Call Signs Never Changed, Fill Changed Weekly



Operation Continue Hope II

Mechanized Perspective



Summary

- **Operational Environment**
- **The Operation by Phase**
- **The Most Important Lesson**
- **Additional Info by BOS**

We Will Always Remember...

CWO Cliff Wolcott

CWO Donovan Briley

CWO Raymond Frank

MSG Gary Gordon

SFC Randy Shughart

SSG William Cleveland

SSG Thomas Field

SSG Daniel Busch

PFC Richard Kowalewski

MSG Tim Martin

SFC Earl Fillmore

SGT Casey Joyce

SGT Lorenzo Ruiz

SGT Dominick Pilla

SGT Cornell Houston

SPC James Cavaco

CPL Jamie Smith

PFC James Martin

